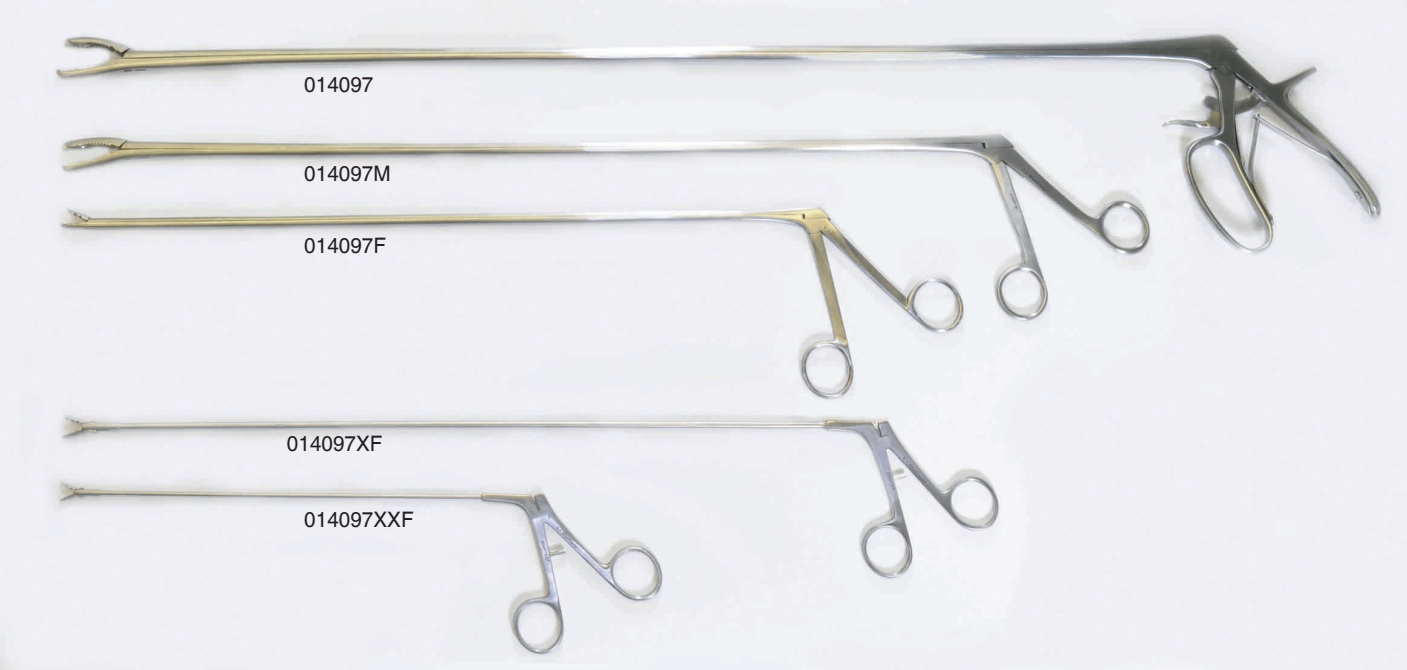
Thoracic Surgery

Vet Inst

Foreign Body Retrieval Forceps

"One day you will need one of these"



Our family of Foreign Body Retrieval Forceps has grown! We now offer a range of forceps to cover every eventuality from a bone in the oesophagus of a large dog to a grass seed in a cat trachea.

The Forceps may be guided by rigid or flexible endoscopes or fluoroscopy. In exceptional cases retrieval may be achieved by 'feel'. It is helpful to inflate the oesophagus prior to withdrawal of spiky objects. Video of Alasdair Hotson-Moore of Bristol University locating and retrieving a bone body may be viewed at www.vetinst.com/videos
The teeth face backwards for maximum grip. When closed the jaws are atraumatic for minimal damage to the oesophagus or trachea.

The "One day you will need these" reflects our experience of desperate phone calls which end in us sending a pair of foreign body forceps by same day courier at great expense.

- Backward facing teeth for maximum grip
- Jaws are externally atraumatic
- Shaft diameter as small as possible
- Large Forceps jaws are angled when closed so that when open they sit mid oesophagus.

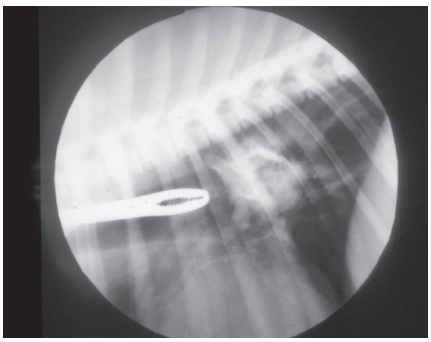
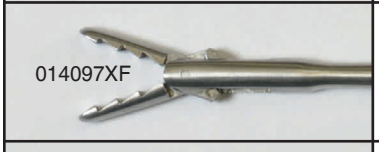
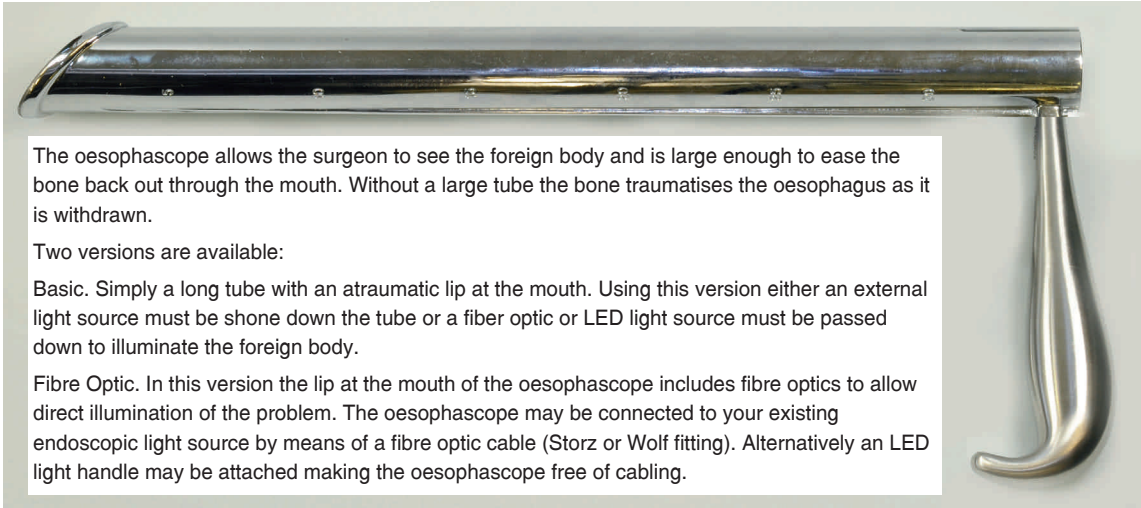


Photo & case Alasdair Hotston Moore

FOREIGN BODY RETRIEVAL FORCEPS			
		Shaft Length	
014097	Foreign Body Retrieval Forceps	640mm	**£175.00**
014097M	Foreign Body Retrieval Forceps	500mm	**£170.00**
014097F	Foreign Body Retrieval Forceps	400mm	**£165.00**
014097XF	Foreign Body Retrieval Forceps	400mm	**£160.00**
014097XXF	Foreign Body Retrieval Forceps	220mm	**£160.00**

	Dia at Jaws (mm)	Length at Jaws (mm)	Shaft Dia (mm)	Shaft Length (mm)
014097	13.0 x 9.0	34	7.5 x 6.0	640
014097M	11.5 x 6.0	31	6.5 x 5.0	500
014097F	5.6 x 4.2	15.5	4.0 x 3.0	400
 014097XF	4.5	11.5	3.5	400
014097XXF	3.3	8.0	2.5	220

Foreign Body Oesophascope



The oesophascope allows the surgeon to see the foreign body and is large enough to ease the bone back out through the mouth. Without a large tube the bone traumatises the oesophagus as it is withdrawn.

Two versions are available:

Basic. Simply a long tube with an atraumatic lip at the mouth. Using this version either an external light source must be shone down the tube or a fiber optic or LED light source must be passed down to illuminate the foreign body.

Fibre Optic. In this version the lip at the mouth of the oesophascope includes fibre optics to allow direct illumination of the problem. The oesophascope may be connected to your existing endoscopic light source by means of a fibre optic cable (Storz or Wolf fitting). Alternatively an LED light handle may be attached making the oesophascope free of cabling.

Each version of the Oesophascope is available as a boxed set of three instruments plus a cleaning brush.

1. 29mm x 450mm long
2. 29mm x 300mm long
3. 20mm x 300mm long

The LED Light Handle is supplied with a Storz fitting and may also be used to illuminate arthroscopes, laparoscopes and rhinoscopes. Adaptors are available for other light fittings.

OESOPHASCOPE		
OESSETB	Oesophascope Set Basic No Fibre Optic	**£425.00**
OESSETFO	Oesophascope Set Basic Fibre Optic Version	**£1,025.00**
OESLH	LED Light Source Handle	**£775.00**

FO Oesophascope with LED Handle

FO Oesophascope with FO cable Handle

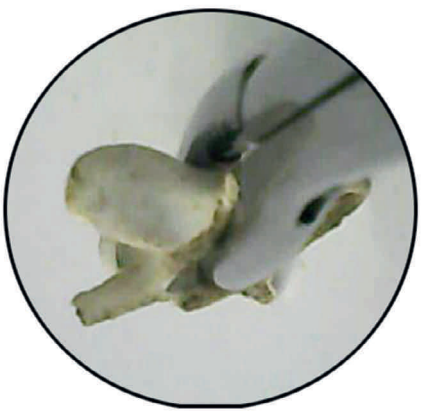
Flexible LED Camera

The flexible probe is taped along the length of the selected foreign body forceps leaving the LED lights and the camera lens just behind the jaws. The forceps are then directed using the image in the monitor.

Once the diagnosis of oesophageal foreign body has been made it is a challenge to see and grasp the bone prior to withdrawal or pushing into the stomach. The lining of the oesophagus is usually traumatised and friable. Repeated 'blind' attempts are likely to end in tragedy even if the foreign body is retrieved.

The Flexible Camera with incorporated LED light source enables the surgeon to direct the foreign body forceps into position and grab the bone ready for retrieval. The image is viewed on a bright 50mm x 35mm monitor. Alternatively the video output may be fed into a standard monitor or computer for viewing or image capture.

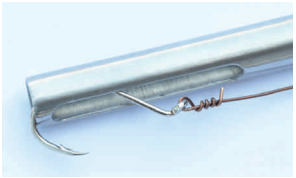
To further minimise trauma to the oesophagus the Flexible LED Camera should be used in conjunction with the Oesophascope.

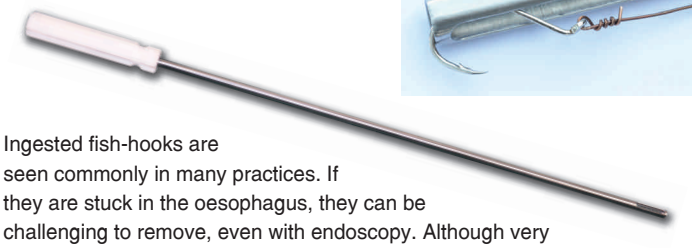


The camera allows you to see exactly what you are doing so that you can lock onto the bone rather than damage the oesophageal wall.

FLEXIBLE LED CAMERA		
LEDFC	Flexible LED Camera	**£345.00**

Disgorger - Canine





Ingested fish-hooks are seen commonly in many practices. If they are stuck in the oesophagus, they can be challenging to remove, even with endoscopy. Although very much larger, our disgorger is of a design that will be familiar to many fishermen. The device allows for the hook point to be pushed back out of the wall of the oesophagus the way it came and then either retrieved via the mouth, or if it is a multi-pointed hook, to be gently pushed into the stomach for removal via a gastrotomy.

DISGORGER - CANINE			
014010	Disgorger Canine 10mm	Total length 800mm	£135.00

Thoracic Surgery Kit - as used by the Cambridge Vet School

Working inside the chest of medium and large dogs will require extended instrumentation. The instruments listed below represent a reasonable kit. When purchased as a kit there is a saving of over 10%. In addition a pair of rib retractors will be required. Other useful instruments include extra long Metzenbaum scissors and right angled forceps (Lahey cholecystectomy clamp and small right angled forceps).

Various specialist items are listed.

THORACIC SURGERY KIT - as used by the Cambridge Vet School		
106205	45 Degree Curved Forceps 220mm	£41.50
105415	90 Degree Curved Forceps 245mm	£41.50
754060	Metz Scissors Str 235mm T.C.	£77.50
754120	Metz Scissors Curved 235mm T.C.	£77.50
342020	DeBakey Thumb Forceps 205mm	£49.50
347665	Rat Tooth Thumb Forceps 205mm	£29.50
602010	Debakey Needleholders T.C. 200mm	£94.50
347655	Dressing Forceps 205mm	£26.00
2685/03	Satinsky Clamps 160mm long 20mm jaw	£59.50
2685/05	Satinsky Clamps 200mm long 30mm jaw	£59.50
CAMTHORKIT	All the above in a stainless steel case	£475.00

Spencer Wells

The standard veterinary artery forceps. If the text states “artery forceps or haemostat” this is probably the one.

SPENCER WELLS		
106600	Spencer Wells 12.5cm 5” Str Art. Forceps	£22.00
106605	Spencer Wells 15cm 6” Str Art. Forceps	£24.50
106610	Spencer Wells 18cm 7” Str Art. Forceps	£27.50
106615	Spencer Wells 20cm 8” Str Art. Forceps	£35.00
106620	Spencer Wells 23cm 9” Str Art. Forceps	£47.50
106621	Spencer Wells 30cm 12” Str Art. Forceps	£59.50

Right Angled Clamps

Typically used to dissect around a patent ductus arteriosus and then pull through appropriate ligative material.

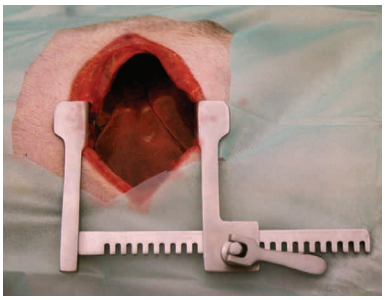
RIGHT ANGLED CLAMPS		
014051	Right Angled Lahey Cholecystectomy Clamps 195mm	£52.50
014052	Small Right Angle Clamps 160mm	£39.50
014052S	Small Right Angle Clamps without Ratchet 160mm	£39.50

Curved Forceps - Long

CURVED FORCEPS - LONG		
106205	45 Degree curved forceps 220mm	£42.50
105415	90 Degree curved forceps 245mm	£42.50

Rib Retractor

Finnochetto is the standard rib retractor available in large and small.



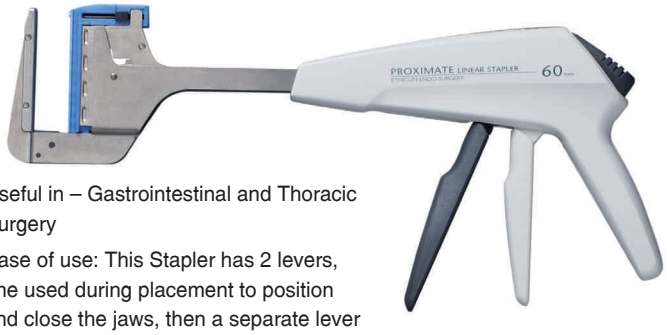
RIB RETRACTOR		
704000	Rib Retractor Finnochetto - Small (95mm spread)	£135.00
704005	Rib Retractor Finnochetto - Large (130mm spread)	£140.00

Rib Shears

RIB SHEARS		
014056	Rib Shears 220mm	£125.00

Ethicon Endo-Surgery
PART OF THE Johnson & Johnson FAMILY OF COMPANIES

PROXIMATE® TX Reloadable Linear Stapler



Useful in – Gastrointestinal and Thoracic Surgery

Ease of use: This Stapler has 2 levers, one used during placement to position and close the jaws, then a separate lever for firing. A well-sited button can be used to release the jaws if repositioning of the Stapler is required. The Stapler can be operated completely single-handedly. Thin anvil, wide jaw opening and medium closing position of the parallel jaws of the PROXIMATE®TX Staplers are designed to facilitate positioning of the tissues in the jaws. The long thin axis of the PROXIMATE® TX 30mm Staplers aid access to more difficult surgical sites.

Sizing: Suitable for stapling tissue 1-2mm thick. Available in 30 & 60mm width, and 3 staple heights.

White – vascular, 1mm closed height, Blue – standard, 1.5mm closed height, Green – thick tissue, 2mm closed height. Vascular loads are dedicated to the 30mm Vascular stapler, otherwise blue and green loads are interchangeable in the same width.

PROXIMATE® TX Staplers may be reloaded up to 7 times during the same procedure allowing up to 8 stapling operations.

Supplied sterile including 1 load.

PROXIMATE TX AND ECHELON RELOADABLE LINEAR STAPLER		
JJTX30V	TX Linear Stapler 30mm Vascular x3 white	£485.00
JJTX30V/S	TX Linear Stapler 30mm Vascular x1 white	£175.00
JJTX30B	TX Linear Stapler 30mm Blue x3	£485.00
JJTX30B/S	TX Linear Stapler 30mm Blue x1	£175.00
JJTX30G	TX Linear Stapler 30mm Green x3	£485.00
JJTX30G/S	TX Linear Stapler 30mm Green x1	£175.00
JJTX60B	TX Linear Stapler 60mm Blue x3	£545.00
JJTX60B/S	TX Linear Stapler 60mm Blue x1	£190.00
JJTX60G	TX Linear Stapler 60mm Green x3	£545.00
JJTX60G/S	TX Linear Stapler 60mm Green x1	£190.00
JJSC45	Echelon 45 Short Compact 12.7 diameter 28cm Shaft (No load) Pack of 3	£925.00
JJSC45/S	Echelon 45 Short Compact 12.7 diameter 28cm Shaft (No load) Single	£325.00
RELOADS		
JJXR30V/3	Reload TX Linear Stapler 30mm Vascular x3	£265.00
JJXR30G/6	Reload TX Linear Stapler 30mm Green x6	£500.00
JJXR30G/3	Reload TX Linear Stapler 30mm Green x3	£265.00
JJXR60B	Reload TX Linear Stapler 60mm Blue x12	£1,075.00
JJXR60B/6	Reload TX Linear Stapler 60mm Blue x6	£575.00
JJXR60B/3	Reload TX Linear Stapler 60mm Blue x3	£295.00
JJXR60G	Reload TX Linear Stapler 60mm Green x12	£1,075.00
JJXR60G/6	Reload TX Linear Stapler 60mm Green x6	£575.00
JJXR60G/3	Reload TX Linear Stapler 60mm Green x3	£295.00
JJECR45B	Blue Reload for Echelon 45, Box of 12	£2,190.00
JJECR45B/3	Blue Reload for Echelon 45, x3 units	£535.00

Ethicon Endo-surgery Linear Cutter

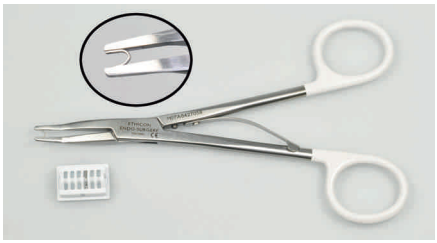
Staples and cuts in one firing. Innovative, 3D, 6 row staple pattern.

Selectable staple height using the same reload – select blue, gold or green so no extra re-loads to stock. Spring-loaded intermediate locking mechanism gives easier one-handed tissue manipulation. 2 sided firing, left or right, and non-slip grip gives improved control of the device.

Note This Stapler does NOT come with load - remember to order your chosen pack size

ETHICON ENDO-SURGERY LINEAR CUTTER		
JJNTLC55	Linear Cutter 55mm Selectable, no load included x3	£235.00
JJNTLC55/S	Linear Cutter 55mm as above Single	£105.00
JJNTLC75	Linear Cutter 75mm Selectable, no load included x3	£315.00
JJNTLC75/S	Linear Cutter 75mm as above Single	£130.00
JJSR55/12	Reload Linear Cutter 55mm for NTLC55 x12	£1,250.00
JJSR55/3	Reload Linear Cutter 55mm for NTLC55 x3	£365.00
JJSR75/12	Reload Linear Cutter 75mm for NTLC75 x12	£1,625.00
JJSR75/3	Reload Linear Cutter 75mm for NTLC75 x3	£450.00

Ligaclip Re-usable Clip Appliers & Titanium Clips

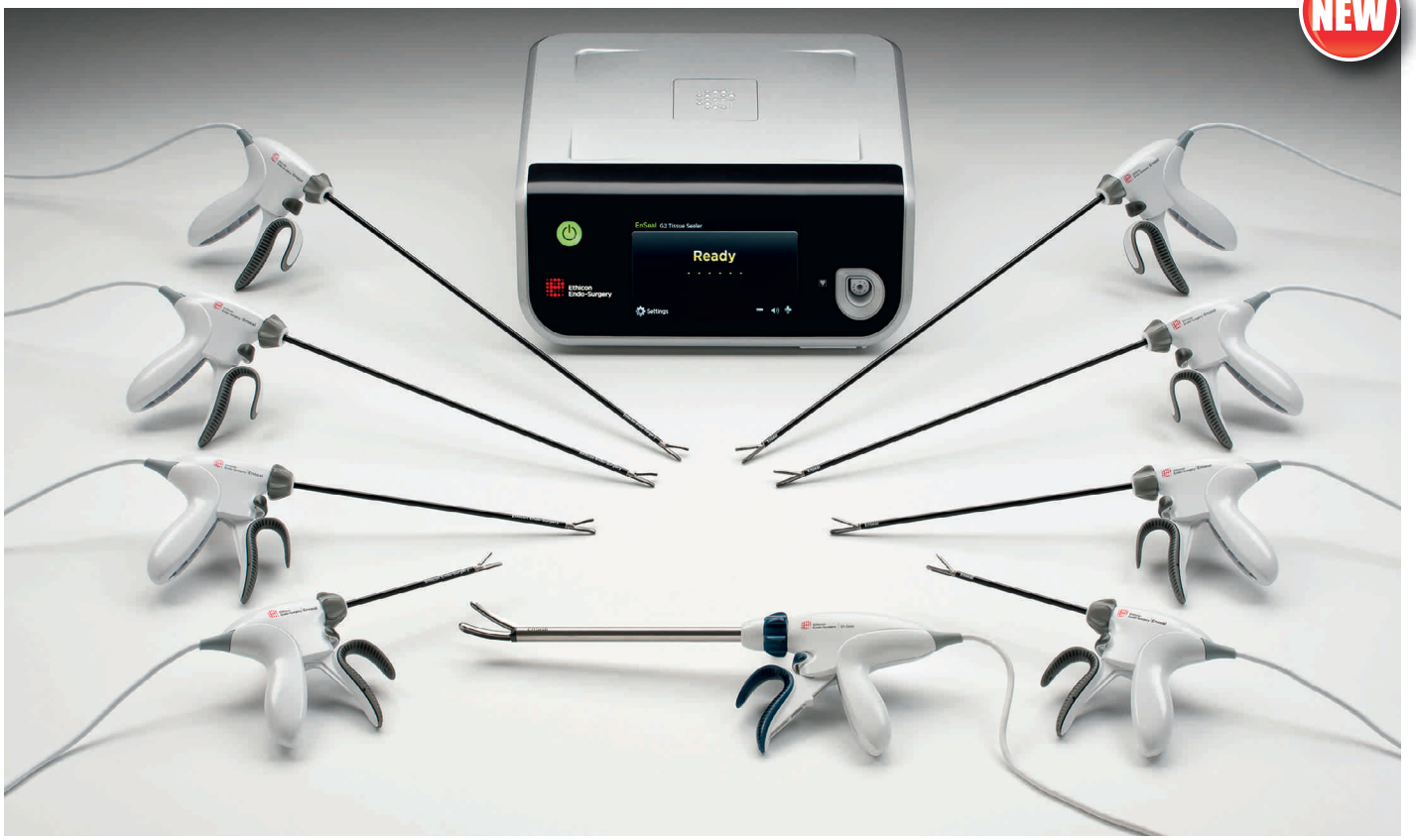


Fully autoclavable colour coded Clip Applier, dedicated to the relevant clip size. Quick and easy to use. The jaws have a groove to hold the clip – once loaded the clip is held securely until it is placed and compressed. Clip closure is maintained by the inherent rigidity of the metal. Designed for tubular ligation, feedback from users has been that it is extremely useful for enucleation (thanks Martin Gabbut!) and to have on hand for unexpected bleeders during orthopaedics as well as major soft tissue surgery.

LIGACLIP RE-USABLE CLIP APPLIERS AND TITANIUM CLIPS		
JJLX105	Ligaclip Applier Reusable 5.75” Small Clips	£245.00
JJLX107	Ligaclip Applier Reusable 7.5” Small Clips	£265.00
JJLX205	Ligaclip Applier Reusable 5.75” Med Clips	£245.00
JJLX207	Ligaclip Applier Reusable 7.5” Med Clips	£265.00
JJLX220	Ligaclip Applier Reusable 10.5” Med Clips Right Angle	£315.00
JJLX310	Ligaclip Applier Reusable 10.5” Med/ Large Clips	£295.00
JJLC307	Ligaclip Applier Reusable 7.5” Med/ Large Clips	£275.00
JJLC320	Ligaclip Applier Reusable 10.5” Med/ Large Clips Right Angle	£315.00
JJLC407	Ligaclip Applier Reusable 7.5” Large Clips	£275.00
JJLC410	Ligaclip Applier Reusable 10.5” Large Clips	£295.00
JJLC420	Ligaclip Applier Reusable 10.5” Large Clips Right Angle	£305.00
JJLC800	Ligaclip Clip Base - Stainless Steel	£175.00
JJLT100	Ligaclip Titanium Clips Small 6 x 36	£210.00
JJLT200	Ligaclip Titanium Clips Medium 6 x 36	£250.00
JJLT300	Ligaclip Titanium Clips Med/ Large 6 x 18	£185.00
JJLT400	Ligaclip Titanium Clips Large 6 x 18	£200.00

Other Ethicon Endo-surgery products are available to order. If what you usually use is not here, please contact us. These can be ordered in as required, and are usually available in 2-3 days subject to Ethicons stock.

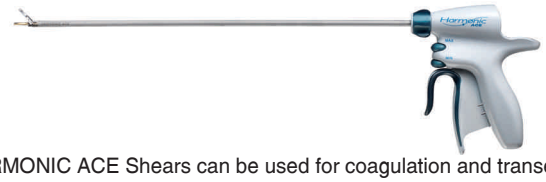
Ethicon Endo-surgery



In addition to the open stapling and ligation range, we are pleased to offer, in conjunction with Ethicon, both Harmonic and ENSEAL consumable energy hand pieces. Both hand pieces are powered by the GEN11 console pictured, available from Ethicon on a special deal. See below for details and how to apply.

HARMONIC® Technology is unique in the way it operates. Mechanical energy – a blade vibrating at 55,000 times a second- simultaneously cuts and coagulates tissue. Ultrasonic vibration reduces tissue to a sticky coagulum, sealing vessel walls together.

Harmonic Handpieces



HARMONIC ACE Shears can be used for coagulation and transection of vessels up to 5mm and handle multiple surgical jobs with precision including dissection, sealing and transection. They have a balanced ergonomic grip, 2 hand-controlled power settings and an integrated audible/ tactile mechanism for indicating full closure. Minimal lateral thermal spread allows dissection near vital structures. Shaft diameter 5mm

Other Harmonic handpieces available on request.

Enseal Handpieces

G2 Tissue Sealers

The ENSEAL range are advanced bipolar tissue sealers, sealing vessels up to 7mm. These units are gentle on tissues due to the offset electrode configuration which is designed to minimise thermal spread. There is less sticking over multiple activations, and even pressure along the whole jaw in use. Available in a range of lengths. Shaft diameter 5mm, fully rotatable. The ergonomic handle is designed for one handed operation

G2 Superjaw

Designed for open procedures, this handpiece has a 12mm diameter 22cm long shaft and a larger 40mm jaw. Single handed action with 360 degree rotation. Separate energy activation button integrates I- Blade release. Seals up to 7mm vessels.

ETHICON HARMONIC AND ENSEAL HANDPIECES		
JJACE23E/SINGLE	Harmonic Ace Curved Shear Ergonomic Handle 23cm Single	**£595.00**
JJACE36E/SINGLE	Harmonic Ace Curved Shear Ergonomic Handle 36cm Single	**£645.00**
JJNSLG2C25/SINGLE	Enseal G2 Tissue Sealer Curved 25cm Single	**£495.00**
JJNSLG2C45/SINGLE	Enseal G2 Tissue Sealer Curved 45cm Single	**£545.00**
JJNSLG2S25/SINGLE	Enseal G2 Tissue Sealer Straight 25cm Single	**£495.00**
JJNSLG2S35/SINGLE	Enseal G2 Tissue Sealer Straight 35cm Single	**£515.00**
JJNSEALX22L/SINGLE	Enseal G2 Superjaw Device 40mm 22cm Single	**£495.00**

All handpieces available as singles or packs of 6. A range is shown. Other handpieces powered by the GEN11 are available on request.

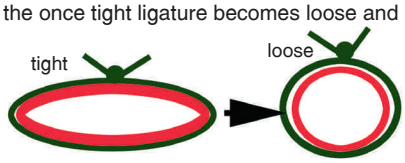
Available direct from Ethicon is the Gen 11 console, supplied with HP054 Grey Harmonic handpiece, footpedal and cart, as a bundle deal at a special price of £9,400 exc VAT. Price subject to change.

Please contact us on 0845 130 9596 or e-mail info@vetinst.com about the GEN11 offer direct from Ethicon.

Ovariohysterectomy

Because ovariohysterectomy is the prodcedure most commonly performed in practice there is an expectation that all qualified veterinary surgeons have high level of competency in the technique. Ovariohysterectomy is not a simple technique and things can go badly wrong despite surgeons following what appears to be a straightforward step by step approach. Many young surgeons have been badly traumatised by the learning curve involved in becoming adept at this fundamental procedure. 'Cannot even spay a bitch' is a heavy burden. Calling in the senior partner to deal with a bleeder does not add to one's self confidence.

This was confirmed by a paper by Tivers etal (JSAP 46, 430-435) which reported that 50% of graduates no longer used the technique in which they were trained. The standard 3 clamp technique for tying off the ovarian pedicle is very effective when performed correctly. However it is often the case that the clamps are applied with the ovary under significant tension so that the clamps are placed very close together. Once the central clamp is removed in these circumstances, because of the tension and the limited space, the crushed pedicle cannot be pulled into a tight circle by the ligature. Instead the pedicle is often tied off as an oval. In that the circumference of an oval is greater than that of a circle with similar area, as soon as the outer clamps are released the pedicle reverts to a circle and the once tight ligature becomes loose and the artery bleeds.



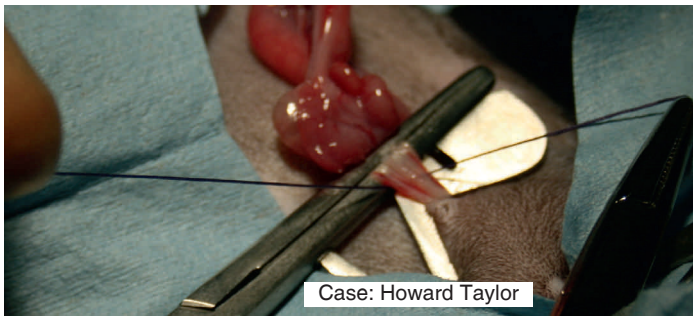
This can be managed by reducing the tension on the pedicle by breaking down the round ligament, exteriorising the ovary and applying the clamps slightly further apart. These subtleties are best learnt by practical training. Supervising surgeons have developed the 'knack' but may not be aware of the issues.

Included in this section are two aids which assist in the exposure and ligature of the ovarian pedicle. The new Howard 'B' clamp and the well established Hauptman retractor. Videos of both instruments may be viewed or downloaded from www.vetinst.com/ovariohysterectomy.

Howard 'B' Ovariohysterectomy Clamp

Feline spay showing ovary exteriorised and ovarian pedicle 'collected' ready for ligation.

Vet Inst



Case: Howard Taylor

Designed and developed in practice by Howard Taylor who recognised that ovariohysterectomy was far from straightforward, particularly but not exclusively for recent graduates.
The Clamp has a number of features which assist the surgeon in the exposure and ligature of the ovarian pedicle.

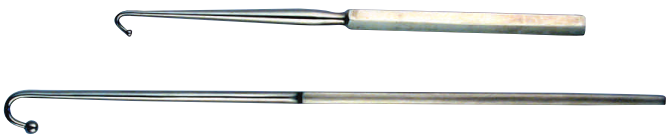
- The ligature material is preloaded onto the forceps which takes it through the broad ligament.
- Longitudinal grooves in the jaw minimise slippage
- As the forceps are rotated the 'B' shaped extension 'collects' and brings together the structures of the pedicle ready for tying.
- The forceps sit outside the incision to exteriorise the pedicle

The ligature is tied without precrushing but is retained by a small haemostat to check for bleeding prior to closure. Visit www.vetinst.com to view a surgical video.

HOWARD 'B' OVARIOHYSTERECTOMY CLAMP		
546470	Howard 'B' Ovariohysterectomy Clamp 160mm	£69.50

Ovariohysterectomy

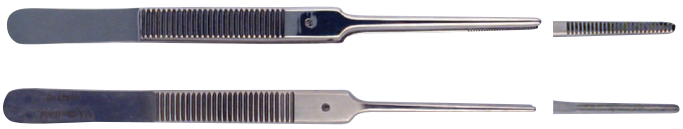
Spay Hooks



Use to atraumatically lift uterine horns.

SPAY HOOKS		
014320	Spay Hook Small 130mm	£31.50
014325	Spay Hook Large 170mm	£31.50

Spay Forceps

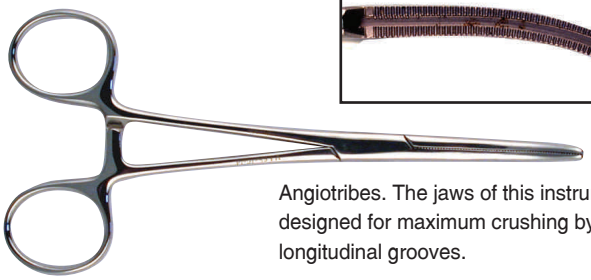


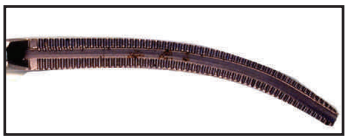
'Sturdy' type. Atraumatic spay forceps-tips have fine toothed DeBakey type form.

SPAY FORCEPS		
014211	Spay Forceps 5" 125mm	£23.50
014218	Spay Forceps (DeBakey Type) 5" 125mm	£32.50

Spay Clamps

Angiotribes

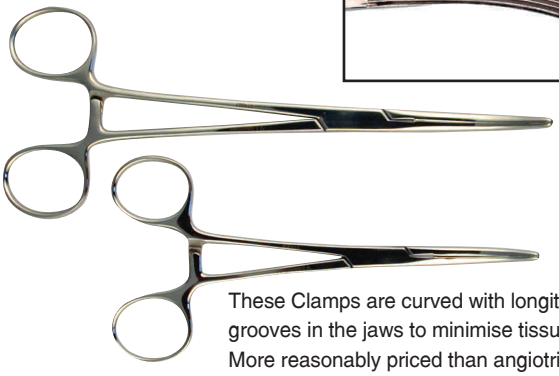


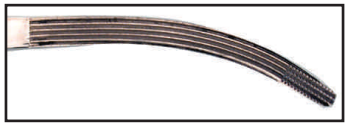


Angiotribes. The jaws of this instrument are designed for maximum crushing by serrated longitudinal grooves.

ANGIOTRIBES		
014304	Angiotribes 6.5" Straight 160mm	£61.50
014305	Angiotribes 6.5" Curved 160mm	£61.50
014301	Angiotribes 8" Straight 200mm	£61.50
014302	Angiotribes 8" Curved 200mm	£61.50

Hysterectomy Clamps



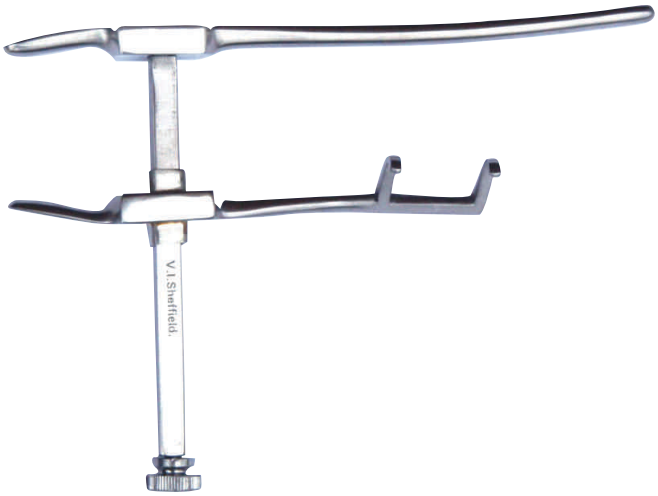


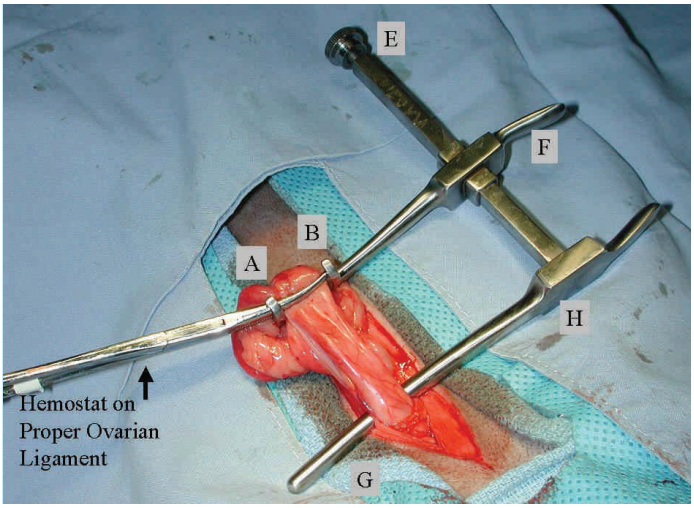
These Clamps are curved with longitudinal grooves in the jaws to minimise tissue slippage. More reasonably priced than angiotribes.

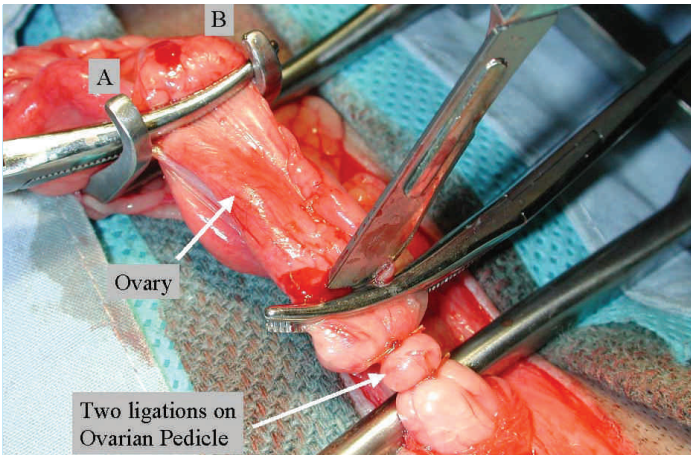
HYSTERECTOMY CLAMPS		
014307	Hysterectomy Clamp (Carmault) 200mm	£37.50
014309	Hysterectomy Clamp (Carmault) 160mm	£37.50

Spay Retractors

Hauptman Retractors







This Retractor designed by Joe Hauptman at Michigan maintains distal retraction of the ovary during ligation of the ovarian pedicle. This is the crucial part of the procedure which can be a challenge for even experienced surgeons. This Retractor simplifies the task considerably.

For a free CD on the technique phone or e-mail info@vetinst.com

HAUPTMAN RETRACTOR		
014400	Small Hauptman Retractor 10mm blade	£135.00
014410	Medium Hauptman Retractor 15mm blade	£135.00
014420	Large Hauptman Retractor 20mm blade	£135.00

Spay Kits

It is convenient and cheaper to purchase your spay packs as kits.

We appreciate that instrument selection is a matter of personal choice so if you wish to adjust the contents to suit your practice that is fine. We will customise the Kits to your requirements. Provided the number of instruments stay the same there will be no additional charge assuming that the changes are 'like for like'.

Feline Spay Kit

- Stainless Autoclave Case
- Metz Scissor Str 14.5cm
- Sturdy type Spay Forceps
- Adson Rat Tooth Forceps
- Halstead Mosquito Forceps x 2
- Fenestrated Drape
- Cross Action Towel clips x 2
- Olsen Hegars 15.5cm
- Spencer Wells COF x 2
- Scalpel Handle No. 3

Canine Spay Kit

- Stainless Autoclave Case
- Curved Hysterectomy Clamps x 2
- Mayo Scissors 14cm Straight
- Rat Toothed Treves 14cm
- Spencer Wells 14cm Curved x 4
- Allis Tissue Forceps x 2
- Fenestrated Drape
- Olsen Hegars 16.5cm
- Cross Action Towel Clips x 4
- Scalpel Handle No. 3

SPAY KITS		
SPAYFEL	Cased Feline Spay Kit	£275.00
SPAYCAN	Cased Canine Spay Kit	£395.00

Miscellaneous Obstetrical Items

Miss Freakes Whelping Forceps

Hobdays Obstetric Forceps for cats. 150mm

Killian Bitch Speculum

Picture Dick White

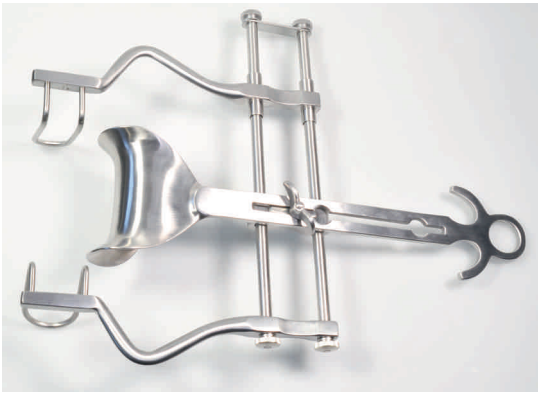
Vectis Double Ended

MISCELLANEOUS OBSTETRICAL ITEMS		
014310	Miss Freakes Whelping Forceps 260mm	£62.50
546465	Hobdays Obstetric Forceps for Cats 150mm	£62.50
546466	Hobdays Obstetric Forceps for Dogs 210mm	£62.50
546468	Obstetric Vectis Double Ended 240mm	£47.50
546455	Bitch Speculum (Killian) Blade Length 650mm (2½")	£62.50

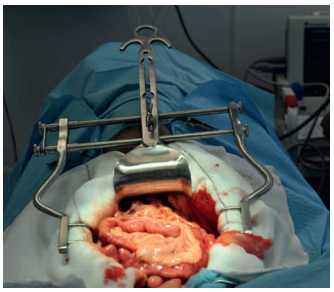
Large Abdominal Retractors

Also see GENERAL INSTRUMENTATION - Page 301.

AHM Balfour Retractor



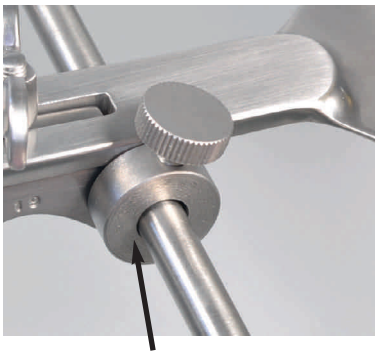
The original Balfour has for many years served as the standard large abdominal retractor for canine surgery. However the standard midline canine approach is very different from the standard human approach. Alasdair Hotston Moore has re-visited the original design and has made some significant changes which improve the instrument both in use and sterilisation.



Exploratory surgery of the cranial abdomen in larger dogs presents difficulties of access for all surgeons, but especially when a scrubbed assistant is unavailable. The traditional Balfour Retractor is an ideal instrument for this application in theory, but its practical application is limited by the fact that it is simply too large to fit in the typical benchtop autoclave found in general practice. This modified version allows both arms to be removed from the cross piece, making it small enough to fit easily into a small autoclave. The arm of the "spoon" has also been slightly shortened to achieve this aim. This Retractor is ideal for creating exposure for gastric surgery (especially gastropexy) as well as surgery of the liver and ruptured diaphragm repair.

Balfour Locking Ring

The central blade in the Balfour slides freely on the back bar and automatically self centers. If the lesion or organ of interest is off centre this is undesirable.
The Balfour Locking Ring fits onto the back bar and may be locked in any position, holding the blade off centre. The Balfour Locking Ring fits all VI Balfours.



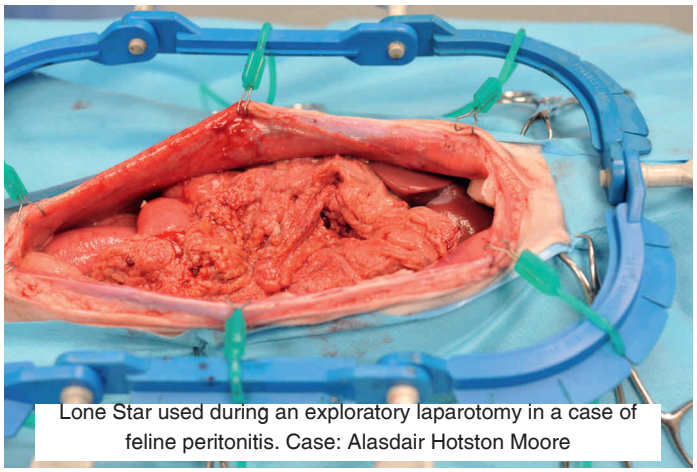
BALFOUR LOCKING RING

LARGE ABDOMINAL RETRACTOR		
25-2375AHM	AHM Balfour Retractor (180mm spread)	**£175.00**
25-2375	Standard Balfour Retractor (180mm spread)	**£155.00**
25-2375R	Balfour Locking Ring	**£17.50**
25-2377	Medium Balfour (115mm spread)	**£150.00**
25-2376	Baby Balfour Retractor (90mm spread)	**£145.00**
703260	Collins Retractor (110mm spread)	**£140.00**
684755	Morris Retractor 50mm	**£62.50**

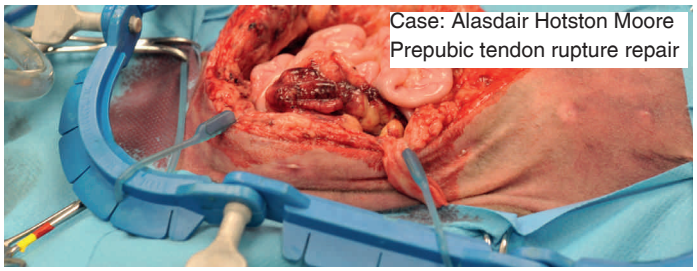
Lone Star Ring Retractor

The Lone Star Retractor is widely used by soft tissue surgeons including Alasdair Hotston Moore and Rob White. The outer slotted ring is hinged to allow conformation to the body shape and to direct the angle of traction of the bungee-type elastic stays. The outer ring segments are manufactured from Noryl resin is supplied sterile and many surgeons re-autoclave. The silicone bungees will tolerate some autoclaving. The elastic stays are manufactured from flexible silicone with the stainless steel hook moulded into an ergonomic finger grip. The silicone shaft is grasped by the slots in the outer ring in an infinite number of positions. The stays may be used to retract different layers of soft tissue with differing tensions and angle of pull. The whole system sits neatly on top of the patient without obscuring the operative field.

The standard segments creates a square 14cm x 14cm. An extended version creates a rectangle 25cm x 14cm which can be reduced to a square 14cm x 14cm.



Lone Star used during an exploratory laparotomy in a case of feline peritonitis. Case: Alasdair Hotston Moore

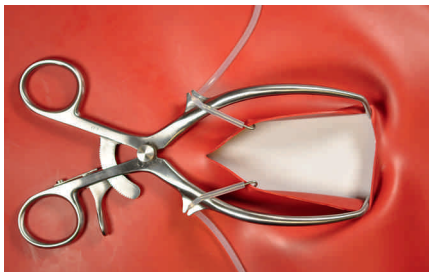


Case: Alasdair Hotston Moore
Prepubic tendon rupture repair

LONE STAR RETRACTOR		
702SET	Lone Star Basic Ring Set includes Ring (14 x 14cm) and 50 Stays	**£560.00**
702000	Lone Star Basic Ring	**£75.00**
705SET	Lone Star Rectangle Set includes Ring (25 x 14cm) and 50 Stays	**£570.00**
705000	Lone Star Rectangle	**£85.00**
702001	Lone Star Elastic Stays 50 x Sterile (single)	**£495.00**
702002	Lone Star Elastic Stays 10 x Sterile (single)	**£125.00**

Bungee Gelpi Self Retaining Retractors

NEW



Based on our current standard Gelpis (001330), they are designed to be as user friendly as regular gelpis in normal use, but with the 'party trick of bungee slots

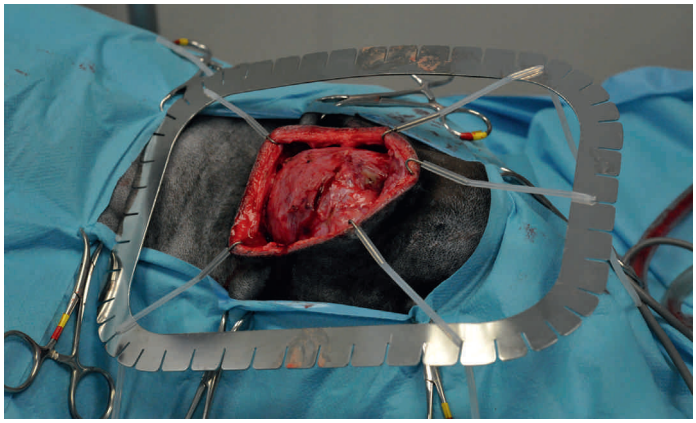
See page 101 for further information.

BUNGEE GELPI		
001330BUNGEE	Gelpi Bungee Retractor	**£175.00**
701HOOK	Sterile Ring Retractor Hooks Set of 10	**£27.50**

Ring Retractor

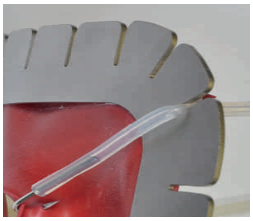
Some abdominal approaches require a more complex retraction system than a simple Balfour or Gossett. The V.I. Ring Retractor allows the surgeon to place hooked retractor strips around the periphery of a surgical incision which may then be tensioned individually and retained around the edge of the ring.

The Ring is laser cut from stainless steel which is thin enough to mould to the profile of the patient. Slots are cut every 15mm around the periphery of the ring into which lock one or more retractor strips.



Case: Alasdair Hotston Moore Parotid Salivary Gland Resection

The Strips are manufactured from silicon with a stainless hook. The strips are autoclavable but will require periodic replacement.



All the Rings fit into a standard 'Little Sister' type autoclave.

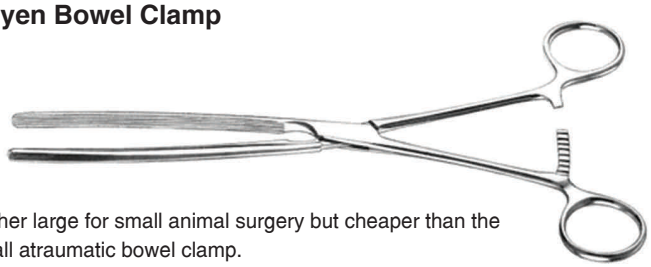
In 2012 a Extra Large Ring (220 x 250mm) which can be folded was added to the range. Once folded the ring will again fit into a standard 'Little Sister.'

Please Note: VI Sterile Hooks are compatible with other retractor systems.

RING RETRACTOR		
701700	Basic Set including 3 Standard Rings (200 x 130mm, 160 x 85mm & 110 x 40mm internal and 10 Sterile Hooks	£165.00
701701	Large Ring (200 x 130mm internal)	£60.00
701702	Medium Ring (160 x 85mm internal)	£57.50
701703	Small Ring (110 x 40mm internal)	£55.00
701704	X Large Ring (220 x 250mm internal)	£80.00
701HOOK	Set (10) of Sterile Hooks	£27.50

Bowel Clamps

Doyen Bowel Clamp

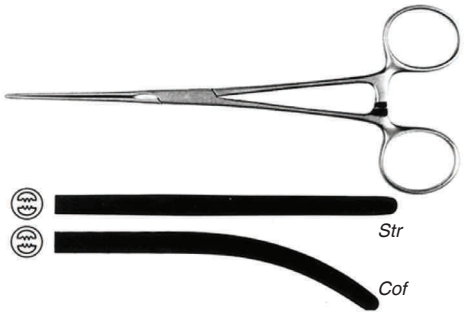


Rather large for small animal surgery but cheaper than the small atraumatic bowel clamp.

DOYEN BOWEL CLAMP		
201950	Bowel Clamps Doyen 24cm Str 9.5"	£75.00
201955	Bowel Clamps Doyen 24cm Cof 9.5"	£80.00

Atraumatic Small Bowel Clamp

Jaw design gently holds and seals the bowel with a minimum of pressure and trauma. The fine ratchet facilitates gentle yet secure application.

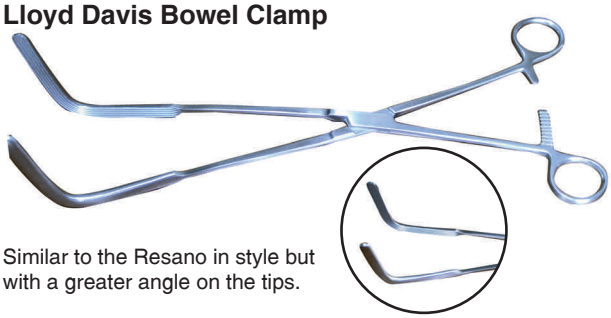


ATRAUMATIC SMALL BOWEL CLAMP		
222165	Bowel Clamps Small Animal Atraumatic Str 170mm	£80.00
222170	Bowel Clamps Small Animal Atraumatic Cof 170mm	£85.00

Resano Bowel Clamp

RESANO BOWEL CLAMP		
201956	Resano Bowel Clamp 250mm	£85.00

Lloyd Davis Bowel Clamp



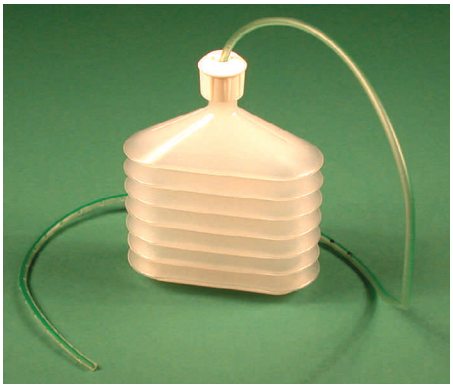
Similar to the Resano in style but with a greater angle on the tips.

LLOYD DAVIS BOWEL CLAMP		
201952	Lloyd Davis Bowel Clamp 250mm	£85.00

Drains & Drainage

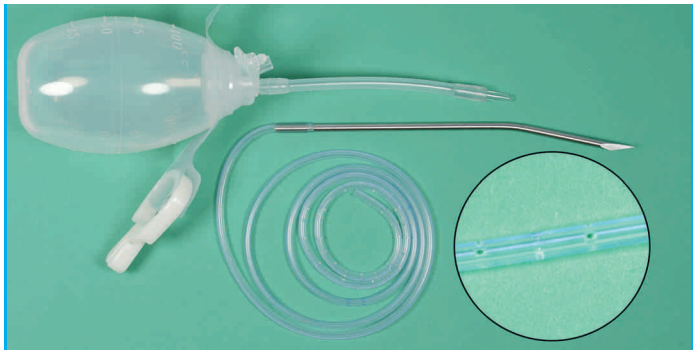
Vacuum Drains Concertina Type

Appropriate drainage will make the difference between success and failure, particularly with thoracic surgery. The whole system can be strapped to the patient. Concertina type action creates suction. Each kit includes the drain.



VACUUM DRAINS CONCERTINA TYPE		
014062	Vacuum Drainage Kit 50ml 2.5mm dia tube Complete Disposable	£8.50
014063	Vacuum Drainage Kit 20ml 2.0mm dia tube Complete Disposable	£9.50

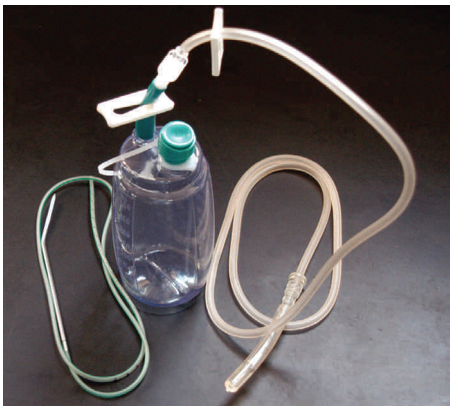
Vacuum Drains – Jackson Pratt Type



VACUUM DRAINS – JACKSON PRATT TYPE		
014058	Vacuum Drainage Kit 100ml 3.2mm dia tube Complete Sterile Semi-disposable	£32.50
014059	Vacuum Drainage Kit 200ml 4.8mm dia tube Complete Sterile Semi-disposable	£32.50

Pre-Evacuated Bottle Drains

The 400ml Bottle is supplied pre-evacuated complete with perforated drain and introducing needle. The Bottle creates a much higher vacuum more appropriate for chest drains.



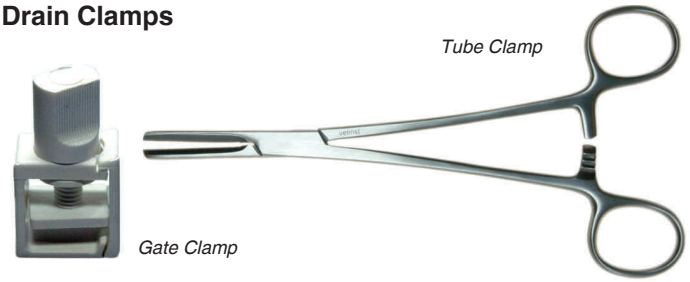
PRE EVACUATED BOTTLE DRAINS		
014080	Bottle Drain 400ml with 10FG Drain	£9.50
014082	Bottle Drain 400ml with 12FG Drain	£9.50
014084	Bottle Drain 400ml with 14FG Drain	£9.50
014086	Bottle Drain 400ml with 16FG Drain	£9.50
014064	200ml Evacuated Bottle - no Drain	£6.00
014065	400ml Evacuated Bottle - no Drain	£7.00

Thora-Cath Chest Tubes

A soft silicon chest tube for pneumothorax or haemothorax. 140mm length, graduated at 10mm lengths with radiopaque strip for easy placement. Universal hub connects to standard barbed connector with female luer lock. Also recommended to be used with 3 Way Stopcock. 3 diameters available.

THORA-CATH CHEST TUBES		
025612	Thora-Cath Chest Tubes 3.2mm Inner Diameter	£40.00
025613	Thora-Cath Chest Tubes 4mm Inner Diameter	£42.50
025614	Thora-Cath Chest Tubes 4.67mm Inner Diameter	£44.50
025618	Standard Barbed Connector with Female Luer Lock	£4.75
025619	3 Way Stopcock	£2.25

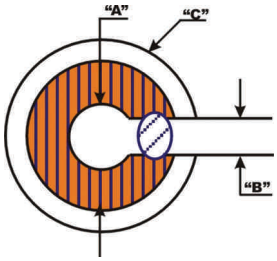
Drain Clamps

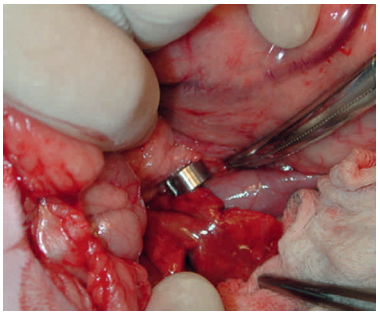


For rapid, complete occlusion use artery forcep style. Where incremental adjustments are required use the Gate Type.

DRAIN CLAMPS		
101776	Tube Clamp 190mm 7.5”	£27.50
014066	Gate Clamp	£4.50

Ameroid Constrictors





Used exclusively in the surgical treatment of hepatic shunts, the ameroid constrictor gradually occludes the blood vessel in question allowing the circulation to make adjustments. The clay layer expands as it absorbs water constricting the blood vessel within. Supplied sterile. Insertion of metal locking key prevents constrictor from slipping from blood vessel.

Selection of Ameroid Constrictor. Once the portosystemic shunt has been identified and exposed it is suggested that a constrictor should be selected which initially encloses the vessel but does not constrict it (Tobias 2009).

AMEROID CONSTRICTORS		
AC35	Ameroid Constrictor 3.5mm Sterile	£75.00
AC50	Ameroid Constrictor 5.0mm Sterile	£75.00
AC60	Ameroid Constrictor 6.0mm Sterile	£80.00
AC70	Ameroid Constrictor 7.0mm Sterile	£80.00

DOCXS Artificial Urethral Sphincter (AUS) Port System

NEW

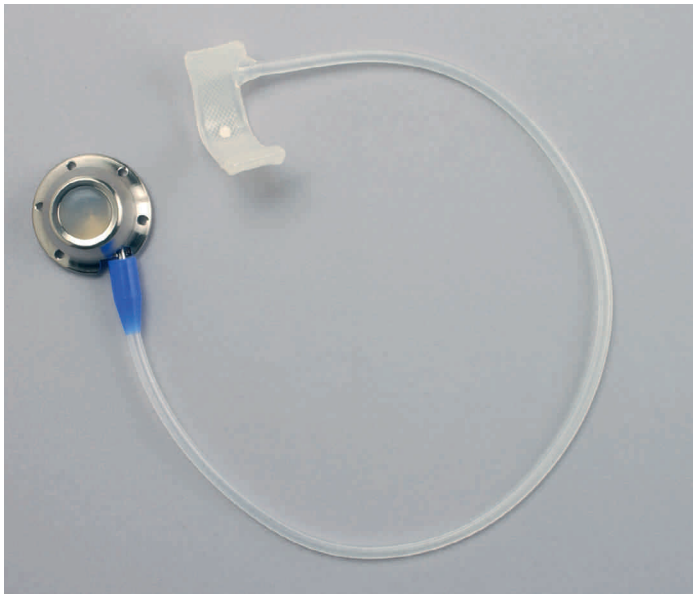
Artificial Urethral Sphincter (AUS) for use in dogs affected by refractory urinary incontinence where traditional medical treatment fails.

100% medical implant grade silicone rubber cuff & actuator tubing. Biocompatible Titanium Companion Port is secured subcutaneously usually at inner thigh for easy access.

Device can be adjusted by adding/ removing sterile saline percutaneously via the silicone septum of the port using aseptic technique and a non-coring Huber point needle. Two widths and a range of lengths are available. Assess the approximate size required pre operatively using ultrasound. Full Kit available includes access Port, one AUS, two Huber Point needles, and one Huber Point Needle Right Angle Infusion Set 22g. Medium Access Port supplied as standard.

Individual components and more sizes on request.

For surgical guide and more information please contact info@vetinst.com, go to www.vetinst.com or call 0845 130 9596



DOCXS AUS PORT SYSTEM		
DXAUS-KIT-6X11	AUS Port System Kit 6 x 11mm Cuff	£275.00
DXAUS-KIT-8X14	AUS Port System Kit 8 x 14mm Cuff	£275.00
DXAUS-KIT-10X11	AUS Port System Kit 10 x 14mm Cuff	£275.00
DXAUS-KIT-12X14	AUS Port System Kit 12 x 14mm Cuff	£275.00
DXVO-CATH45	AUS & HSO Backfill/ Flush Catheter	£25.00

For further information see Reeves et al; Outcome after placement of an Artificial Urethral Sphincter in 27 dogs. Vet Surg 2013; 42:12-18.

DOCXS Hepatic Shunt Occluder (HSO) System

NEW

An alternative to cellophane or Ameroid Constrictors, this Device uses incremental hydraulic occlusion via a percutaneous port to progressively control closure of the shunt vessel. The speed of vessel occlusion is under the control of the surgeon and is reversible if necessary without further surgery. The silicone cuff is closed using a suture through 2 eyelets, the actuator tubing fed out to a subcutaneously implanted CcompanionPort then gradually closed by injecting saline into the port percutaneously. Cuff width is 7mm. Range of lengths available.

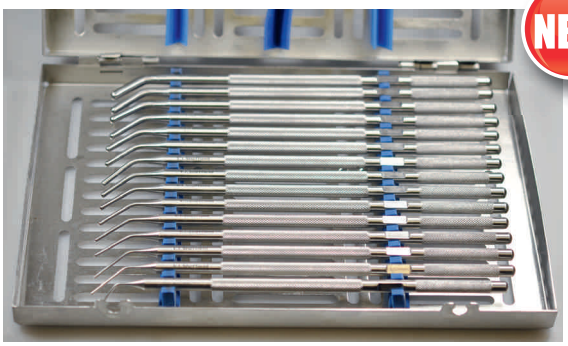
Full kit available includes access port, one HSO, two Huber Point needles, and one Huber Point Needle right angle infusion set 22g. Medium access port supplied as standard

For more information please contact info@vetinst.com, go to www.vetinst.com or call 0845 130 9596

DOCXS HEPATIC SHUNT OCCLUDER SYSTEM		
DXHS-KIT-HS-4	Hepatic Shunt Kit 4mm	£195.00
DXHS-KIT-HS-6	Hepatic Shunt Kit 6mm	£195.00
DXHS-KIT-HS-8	Hepatic Shunt Kit 8mm	£195.00
DXHS-KIT-HS-10	Hepatic Shunt Kit 10mm	£225.00
DXHS-KIT-HS-12	Hepatic Shunt Kit 12mm	£225.00
DXHS-KIT-HS-14	Hepatic Shunt Kit 14mm	£225.00
DXHS-KIT-HS-16	Hepatic Shunt Kit 16mm	£225.00
DXVO-CATH45	AUS & HSO Backfill/ Flush Catheter	£25.00

Vascular Probe Set

NEW

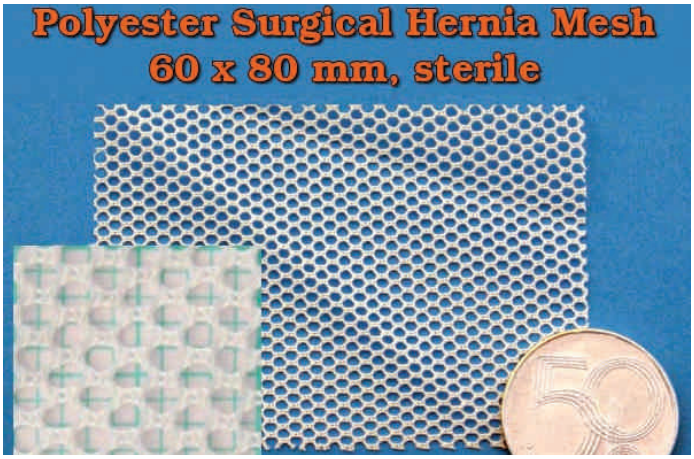


A Set of 15 Vascular Probes in a fully Autoclavable Stainless Steel Case. The 25mm long angled working tips are of specified diameter permitting accurate documentation of blood-vessel diameter and marriage of blood-vessel diameters when performing vascular anastomoses. With an overall length of 225mm, these are especially useful in abdominal surgery, in particular for documenting hepatic shunts.

The Set includes Probe diameters of 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00, 3.25, 3.50, 3.75, 4.00, 4.50, 5.00 and 6.00mm. Diameters are clearly etched on the handles.

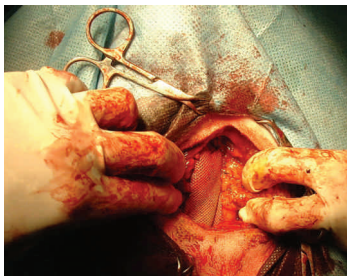
VASCULAR PROBE SET		
0014SET	Vascular Probe Set	£265.00

Miscellaneous Soft Tissue Products



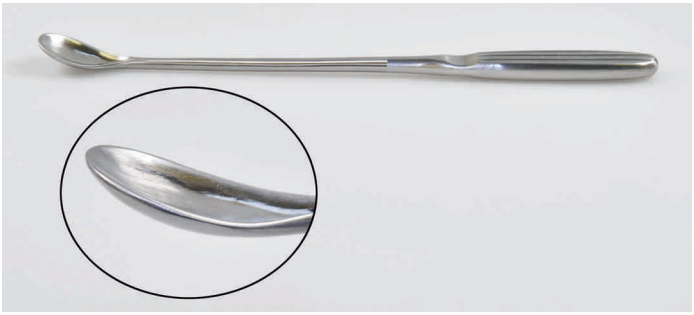
Use polyester mesh to repair soft tissue defects where alternative autografts are not available. For example perineal hernia (illustrated), umbilical hernia.

Mesh loop diameter 1mm. Sheet size 60mm x 80mm or 60mm x 120mm Supplied single pack sterile.



POLYESTER MESH		
PM6080	Polyester Mesh 60mm x 80mm Single	£35.00
PM60120	Polyester Mesh 60mm x 120mm Single	£45.00

Soft Edge Surgical Spoon.....Faecal, Bladder



Removing calculi from the bladder or impacted faeces from the rectum requires great care to avoid damage. 'Domestic' spoons are typically too sharp and too short for the purpose.

Our Soft Edge Spoons have been designed and manufactured with veterinary procedures in mind.

Available in three sizes:

XSmall 10 x 14 x 230mm Suitable for faeces and very small bladders (feline/ small canine)

Small 20 x 25 x 250mm Suitable for faeces and small bladders

Large 67 x 34 x 270mm Suitable for the bladder

SOFT EDGED SPOON		
014703	Soft Edged Spoon - XSmall	£22.00
014700	Soft Edged Spoon - Small	£22.00
014701	Soft Edged Spoon - Large	£22.00
014702	Soft Edged Spoon - Set of 3	£55.00

Angled Allis Tissue Forceps

A favourite of Rob White this angled Allis has 4 into 5 teeth at the tip and is angled mid shaft. The kink in the shaft of the Allis allows use in the upper airway and pharynx without obstructing other instrumentation. Note the length is longer at 200mm than the standard Allis.

ANGLED ALLIS TISSUE FORCEPS 4/5 TEETH		
801161	Angled Allis Tissue Forceps 4/5 Teeth 200mm	£45.00

PVC Stomach Tube

This stomach tube is primarily used in foals but should be in every practice's emergency kit, for the rare but drastic true emergency gastric dilatation +/- volvulus in large deep-chested dogs. Another example of 'every practice should have one!'

1/4" i.d. 3/8" o.d x 7'L.

PVC STOMACH TUBE		
EQSTF	PVC Stomach Tube	£19.50

Anal Sac Kit

Removal of diseased anal sacs can be quite difficult as it can be hard to distinguish the sac from the surrounding tissues. Filling the sac with a light coloured wax makes the dissection much easier. The gel pack is warmed to liquefy the contents which are then injected into the anal gland via the duct using the blunt ended needle provided.

ANAL SAC KIT		
273570	Anal Sac Kit	£115.00
273580	Anal Sac Gel (8)	£42.50
273590	Anal Sac Needles (8)	£32.50

Kitt 'E' Tube Kollar

The placement of oesophagostomy 'E' feeding tubes is a growing modality in small animal medicine. Many 'E' Tubes have been successfully in place for years on some patients. The challenge of the 'E' Tube is its care and maintenance. The Kitt 'E' Kollar was designed as a sensible solution to the everyday patient management of the 'E' Tube. The adjustable collar fits securely around the animal's neck. It has a small hole for the 'E' Tube to pass through. A velcro strap secures or holds the 'E' Tube flat when not in use. Circular cotton pads with a center hole are provided to be placed between the collar and the skin. They protect the wound and absorb drainage eliminating the need for owners to learn bandage techniques or repeated clinic visits for rebandaging. These small animal feeding tubes are useful in longer term nutritional support.

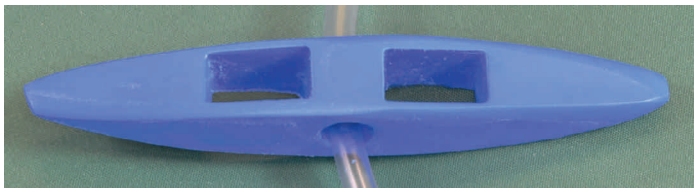
Machine washable collars provides cleansing of stoma site.

- Easy application and removal.
- Protected against accidental removal.
- Decreases the risk of wound trauma such as scratching.
- Can leave in place for radiographs, chemo, MRI, and other procedures.
- Works for most brands of 'E' Tubes.

Includes six protector pads and laminated instruction card.

KITT "E" TUBE KOLLAR		
KTK-PF	Petite Feline Kitt 'E' Tube Kollar	£18.50
KTK-F	Stamdard Feline Kitt 'E' Tube Kollar	£18.50

Stomach Tube Speculum - Feline / Canine

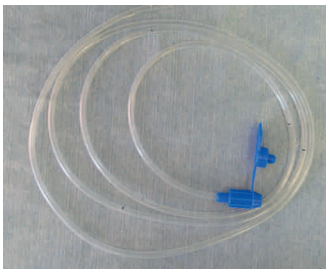


Speculum is useful for passing stomach tube in the conscious patient. The speculum is held in check by the canine teeth going through the two holes. Made of hardened Nylon. Can be cold sterilised for re-use. Available in 3 sizes or as a discounted set.

Feline/ Small Dog	6mm opening will accept tubes up to18Fr
Medium Dog	9mm opening will accept tubes up to 27Fr
Large Dog	9mm opening will accept tubes up to 28Fr

STOMACH TUBE SPECULUM		
014045	Stomach Tube Speculum Cat/ Small Dog	£10.25
014046	Stomach Tube Speculum Medium Dog	£10.25
014047	Stomach Tube Speculum Large Dog	£10.25
014SET	Stomach Tube Speculum Set of 3	£27.50

Small Animal Nasogastric Feeding Tube

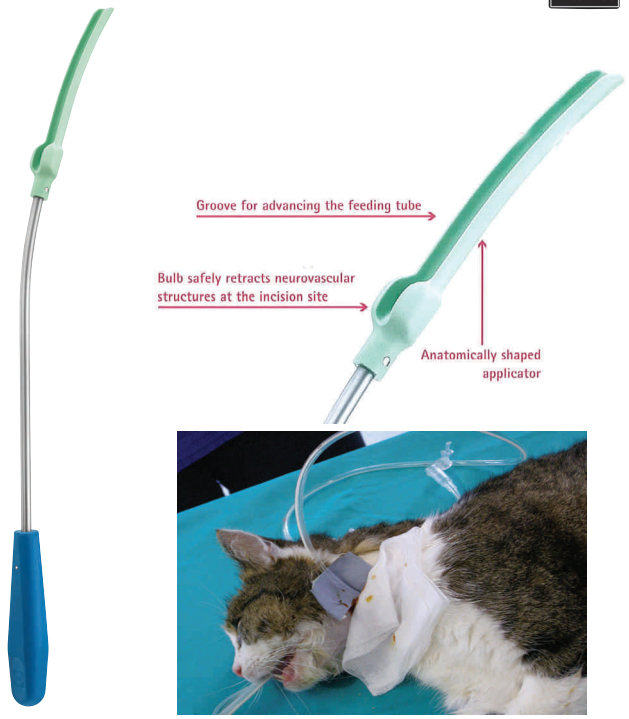


These Small Animal Feeding Tubes are useful in longer term nasogastric nutritional support. Transparent plasic. rounded closed tip with two opposing lateral eyes. Luer syringe connector with attached plug. Supplied sterile in packs of 5.

SMALL ANIMAL NASOGASTRIC FEEDING TUBE				
014041	Cats and Small Dogs	Pack of 5	5Fr x 37cm	£12.50
014042	Small/ Medium Dogs	Pack of 5	8Fr x 37cm	£12.50
014043	Medium/ Large Dogs	Pack of 5	5Fr x 99cm	£12.50
014044	Large Dogs	Pack of 5	8Fr x 105cm	£12.50

Oesophagostomy Tube System

Vet Inst


Groove for advancing the feeding tube
Bulb safely retracts neurovascular structures at the incision site
Anatomically shaped applicator

Placement of an oesophagostomy tube is a regular requirement in veterinary practice. Good indications include head trauma, anorexia through illness, or nutrition of trauma patients. Designed and developed by Dr Von Werthern the kit simplifies the placement of an oesophagostomy tube. The probe locates the correct position for the incision. Cutting onto the probe simplifies the oesophagostomy. The channel in the probe directs the oesophagostomy tube down the oesophagus. The tube is marked to indicate depth and has a radio opaque line along its length to enable the surgeon to check positioning. The tube is 50cm long and 4.8mm / CH.15 in diameter and supplied in individual sterile packs.The cap is a two part device allowing administration of food via a cather mount syringe and other medications via a standard luer syringe.

Supplied with full instructions and a procedural video. The Kit comprises the Introducer and 10 Oesophagostomy Tubes. The video may be viewed at www.vetinst.com/videos.The procedural instruction sheet may be downloaded as a pdf from www.vetinst.com/docs

OESOPHAGOSTOMY TUBE SYSTEM		
VC810	Oesophagostomy Kit (inc 10 tubes)	£245.00
VC800	Tube Applicator only	£160.00
2112409	Oesophagostomy Tubes (pack 10)	£135.00
CDOES	CD Showing Procedure	£FOC
BROES	Detailed Brochure of the Procedure	£FOC

CryOmega

This new Cryosurgical Device offers low cost, effective cryosurgery.

Simply activate the cartridge and the Device is ready for use. Re-use the Device until the cartridge is empty and the dispose. No need for additional accessories, changing of filters or replacement cartridges.

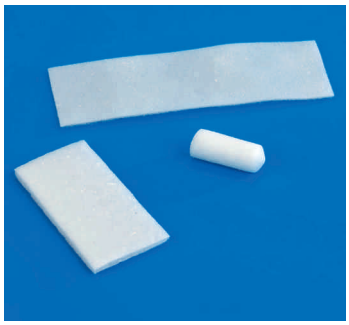
This simple Cryosurgery Device delivers a direct spray of liquid nitrogen at - 98 degrees centigrade to the treatment site. With a lower operating temperature compared with canister based systems.

CRYOMEGA		
CRYOME	CryOmega	**£135.00**

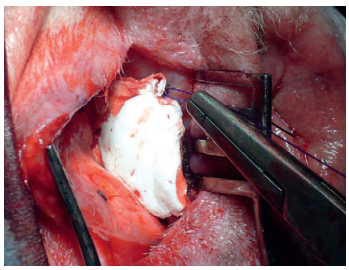
CollaVET

Veterinary Instrumentation is please to announce that it has been appointed exclusive UK and European distributor for the CollaVET product range from New Generation Devices.

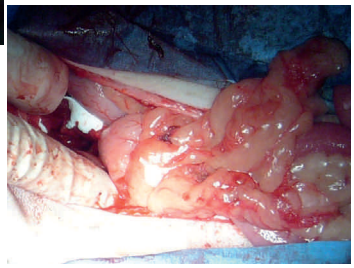
NGD
NEW GENERATION DEVICES



CollaVET consists of pure type 1 collagen, the most common of the collagens found in veterbrates. As type 1 collagen of different species is homologous, the body does not recognise it as a foreign material. This collagen is highly biocompatible and is resorbed fully by the body. Resorbtion times range from 1-8 weeks. The more vascular the area is, the quicker the collagen resorbs. CollaVET is available in sponge, foam, plug and fibrillar forms.



Perineal Hernia, CollaVET implanted.



Partial Hepatectomy, CollaVET implanted.

Wound from implanting to healed.

Indications:

Localised drug delivery for example carrying antibiotics as a resorbable alternative to PMMA beads. Removes the need for a second procedure to remove the antibiotic carrier.

Haemostasis intact collagen fibres have intrinsic haemostatic properties when applied to the bleeding site. All forms of CollaVET can be used for haemostasis.

Wound Healing chronic and acute wounds, exudating wounds, ulcers, burns.

Tendon repair **coming soon** collagen wrap protects the tendon from the formation of scar tissue and adhesions.

Suggested use:

Application	Suggested Product
Drug Delivery	CollaVET Sponge
Haemostatic Agent	CollaVET Foam, Fibrillar Collagen or Collagen Plug
Wound Healing	CollaVET Foam
Tendon Repair	Tenomend**coming soon**

CollaVET			
CVS-20403	CollaVET Sponge 20 x 40 x 3mm	10 Pack	**£195.00**
CVS-20403-Sin	CollaVET Sponge 20 x 40 x 3mm	Single	**£22.50**
CVS-223	CollaVET Sponge 2” x 2” x 3mm	5 Pack	**£175.00**
CVS-223-Sin	CollaVET Sponge 2” x 2” x 3mm	Single	**£40.00**
CVS-343	CollaVET Sponge 3” x 4” x 3mm	5 Pack	**£195.00**
CVS-343-Sin	CollaVET Sponge 3” x 4” x 3mm	Single	**£45.00**
CVS-25751	CollaVET Foam 25 x 75 x 1mm	10 Pack	**£235.00**
CVS-25751-Sin	CollaVET Foam 25 x 75 x 1mm	Single	**£25.00**
CVF-01	Fibrillar Collagen	15 Pack	**£295.00**
CVF-01-Sin	Fibrillar Collagen	Single	**£22.50**
CVP-1020	Collagen Plug	10 Pack	**£195.00**
CVP-1020-Sin	Collagen Plug	Single	**£22.50**
	******Tenomend - coming soon******		

Case study and further references available to download from www.vetinst.com

V.A.C.® Therapy

Vacuum Assisted Wound Closure is a welcome new addition to our 2013 catalogue.

V.A.C ® Therapy (also known as Negative Pressure Wound Therapy) has useful indications in the treatment of large open contaminated wounds, de-gloving injuries, surgical dehiscence, and chronic non-healing wounds among others. Use of V.A.C ® has also been shown to help speed the healing of wound grafts.

Used in conjunction with V.A.C ® GranuFoam Dressings negative pressure applies mechanical forces to the wound to create an environment which promotes wound healing. Microstrain acting at the cellular level promotes granulation tissue by facilitating cell migration & proliferation, and promotes perfusion, while macrostrain provides good wound bed contact, helps draw the wound together and removes exudate. It also aids reduction of oedema.

The lightweight, portable Simplicity V.A.C ® Unit from KCI is designed for veterinary use, and is available **exclusively via Veterinary Instrumentation in the UK.**

The Canister for exudate contains Absorbent Gel, and is supplied with with Tubing, Clamp and Connector.

GranuFoam Dressings are designed to treat a wide variety of wounds, and are available in standard and silver impregnated versions. Both versions of the sterile dressings are open-cell reticulated polyurethane foam with pore size 400-600µm. This is cut to fit within the wound, and should not overlap onto normal skin. To complete the dressing an adhesive V.A.C ® drape is placed over the dressing, adhering to the surrounding skin which has been clipped.

The T.R.A.C. Pad is attached as per the instructions and attached to the unit to apply the required vacuum. Dressing changes at 48-72 hour intervals depending on progress. V.A.C ® Therapy should be applied for 22 hours out of 24, dressings left for more than 2 hours without vacuum should be changed.

Dressing size – Medium 18 x 12.5 x 3.3cm
Small 10 x 7.5 x 3.3cm.

User manual and quick start guide available on request

The VAC Simplicity Therapy Starter Kit contains the Simplicity unit and a sample of the VAC GranuFoam Medium Dressing and VAC GranuFoam Silver Medium Dressing plus required connectors and adhesive drapes.

V.A.C. ® THERAPY		
KCIPN320255	V.A.C. Simplicity Therapy Starter Kit	£2,695.00
KCIM8275057/10	SENSATRAC PAD	£135.00
KCIM6275066/10	T.R.A.C. Y CONNECTOR	£42.50
KCIM6275026/10	V.A.C. Gel strips	£47.50
KCIM6275009/10	V.A.C. DRAPE	£115.00
KCIM8275058/5	ActiV.A.C.® 300ml Canister with Gel	£195.00
KCIM8275052/5	V.A.C.® GranuFoamTM Medium Dressing Kit	£195.00
KCIM8275051/5	V.A.C.® GranuFoamTM Small Dressing Kit	£175.00
KCIM8275081/5	SENSATRAC, THIN VAC GRANUFOAM DRESSING	£215.00
KCIM8275096/5	V.A.C. GranuFoam Silver® Medium Dressing Kit	£255.00
KCIM8275098/5	V.A.C. GranuFoam Silver® Small Dressing Kit	£225.00